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To: [Tisa, Kimberly](#); [Milette, Marianne](#)
Subject: 500 Flatbush Limited Environmental Investigation Scope of Work Update
Date: Friday, June 21, 2013 1:49:00 PM
Attachments: [500 Flatbush LEI Sampling Matrix.pdf](#)
[500 Flatbush LEI Sampling Plan.pdf](#)
[Clay Outcrop.JPG](#)

Kim and Marianne – In preparing to conduct the Limited Environmental Investigation (LEI), we have made a few minor modifications to the plan as a result of our site walk this week. The changes provide better coverage for Areas of Concern at minimal additional cost. These are briefly summarized below.

1. We spaced out the borings in the Container Storage Area (LEI-10 through LEI-15) to provide better areal coverage for material storage areas and provide additional data for the proposed roadway. As a result LEI-10 and LEI-11 are now in the South Drainage Yard, which also appears to have been used for material storage at some point. LEI-10 and LEI-11 also fall under the footprint of the proposed roadway, providing additional data for roadway planning purposes.
2. The base plan provided with the LEI scope of work proposal contains some inaccuracies, including the drainage basin and some storm water “outfall” locations. The base map was derived from Weston’s plans, and the inaccuracies on their base plan have been perpetuated inadvertently. We have corrected the location of the drainage basin (LEI-SD-1) on the attached plan, and are working on fixing the outfall locations. For instance, the southernmost outfall is not correct on the base plan. The correct location is at LEI SD-2. Similarly, the northern interceptor trench/outfall location is incorrect on the base plan. The correct location is at LEI SD-6. There are a few other minor inaccuracies on the base plan which we will fix in the final report.
3. Danny Corp. was not clear on the location of the dirt walled tanks during our development of the scope of work. We have moved two borings (0-15 fbg) from the shredder area to the correct locations (LEI-30 and LEI-31). To compensate, we changed the fifth proposed boring in the shredder area to a hand auger sample (HA-3) and added a hand auger sample (HA-4). As a result, there are now 4 locations (for both shallow and deeper soils) in the shredder area instead of five, and two deep (0-15 fbg) borings in the former dirt walled tank areas.
4. Immediately prior to removal from the site, the dirt walled tanks were moved west of the crane. We have added two hand auger samples in this area (HA-1 and HA-2). These samples were not in the original scope.
5. Boring LEI-33 was moved from where we thought the former waste oil tanks were located at the E Building (south of the E Building) to the correct location (northwest side of the building). As you may recall, PCBs were found in post-excavation samples when these tanks were removed, but no further assessment was completed.
6. Specific concrete sampling locations will be measured in the field and plotted in the final report. Therefore, they are not illustrated on the attached plan. Concrete sampling locations remain unchanged from what was proposed.

Attached are a site plan and sampling matrix which illustrate the scope of work, planned boring locations, and sample depth intervals. While marking and locating LEI-SD-6, we observed that the regional clay deposit (Hartford Clay) actually forms a bedrock like outcrop at the bank of Kane Brook. The brook is flowing on the clay surface. The clay is about 15 feet below roadway elevation in this area. We expect that the clay is 15 fbg or less across much of the site, and our

borings are likely to reach the clay across most of the site, as planned. A photograph of the clay is also attached. Please call me with any questions or if you require changes to the plan. Thanks.
John.

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